"The marketing department wants to analyze what flights the company’s frequent flyers take"

select l.Destination\_City, COUNT (l.Destination\_City ) as most\_visited

from Fact\_Flight\_Activity f,Dim\_Location l

where f.Location\_ID =l.Location\_ID

Group by Destination\_City

order by most\_visited desc;

" what fare basis they pay "

select f.Customer\_ID,Fare\_Basis,discount,price,(price-(discount\*price)) as total\_price

from Fact\_Flight\_Activity f inner join Fact\_Reservation r

on f.Customer\_ID =r.Customer\_ID ;

" how they earn and redeem their frequent flyer miles "

select c.Firstname,c.Lastname,sum(f.Miles)as total\_miles,c.Reward\_Per\_Mile

from Dim\_Customer c , Fact\_Flight\_Activity f

where c.Customer\_ID =f.Customer\_ID

group by c.Firstname,c.Lastname,c.Reward\_Per\_Mile

"deterrmine whether they respond to special fare promotions or not "

select c.Customer\_ID,c.Firstname,c.Lastname,Promo\_respond

from Fact\_Flight\_Activity f,Dim\_Customer c

where f.Customer\_ID=c.Customer\_ID

" how long their overnight stays are"

select g.Airline\_ID,g.Stops ,g.Duration

from Fact\_Flight\_Activity f ,Dim\_Flight g

where g.Airline\_ID =f.Airline\_ID

" what proportion of these frequent flyers have gold, platinum, aluminum, or titanium status."

select a.Status,(select distinct count(b.status) from Dim\_Customer b where a.status=b.Status )\*100

/(select count (Is\_Frequent)from Dim\_Customer where Is\_Frequent =1 ) as prectange

from Dim\_Customer a

group by Status